***This is only a **preview** of the exam task statements for the Training & Experience Examination. You will be asked to respond to each task statement indicating how your training and experience relate to each. To take the actual exam, please refer back to the bulletin and click the “Click here to go to the Internet exam” link at the bottom of the bulletin.

Training and Experience Evaluation Preview
Research Scientist 2

The California civil service selection system is merit-based and eligibility for appointment is established through a formal examination process. This examination consists of a Training and Experience evaluation used to evaluate your education and experience relevant to the position.

This Training and Experience evaluation is a scored component accounting for 100% of your rating in the examination process. It is important to complete the questionnaire carefully and accurately. Your responses are subject to verification before appointment to a position.

To answer all the test items (task statements) in this exam, you will be required to choose from among the provided answers, and to enter (type in) specific information about your experience. Work and education references will also be requested.

Be prepared to give specific information about the length and breadth of your work experience. Also, be prepared to provide specific information about where you received your experience.

Verification of References
Before a hiring decision will be made, your responses will be verified. A hiring manager or personnel staff member will contact the references you have provided to confirm job dates, experiences, duties, achievements, and/or possession of knowledge, skills, and abilities. Failure to provide adequate references AND contact information may significantly limit our ability to make a job offer.

Instructions

Rate your experience performing specific job-related tasks.

Respond to each of the following statements by indicating how the statement applies to you. You are required to respond to every question and provide relevant examples. Also, indicate the references who can verify the information provided.

In responding to each statement, you may refer to your EDUCATION or WORK EXPERIENCE, whether paid or volunteer work that you have completed.

PLEASE NOTE: This examination is designed to gain an overall assessment of your education and experience as it directly relates to the duties and the knowledge, skills and abilities required for this position. Possession of specific education is **not** required to be successful in this examination; however, such achievements may substitute for desirable levels of experience. All components of this examination have been carefully validated by tying them directly to job requirements and documenting their relevance to the position.

Tasks for Research Scientist 2

1. Plan and organize scientific research studies of moderate scientific scope and complexity.
2. Carry out scientific research studies of moderate scientific scope and complexity.
3. Serve as a team member on health projects and investigations within their program on a specific phase of a more complex scientific research study.
4. Act as a technical scientific consultant on health projects and investigations within their program on a specific phase of a more complex scientific research study.
5. Make independent, difficult decisions in a specific scientific field using established guidelines and technical scientific procedures.
6. Solve problems using standard principles, procedures, and techniques for their scientific area of expertise.
7. Collect scientific data in support of health research.
8. Interpret scientific data in support of health research.
9. Develop and maintain a current understanding of latest scientific methods and statistical techniques relevant for the type of studies undertaken by group.
10. Accumulate and maintain scientific literature relevant to scientific investigations and statistical methods.
11. Summarize study findings to be submitted to scientific journals, when appropriate.
12. Present findings at internal and external agency meetings and conferences.
13. Contact other parties when necessary for retrieving data for study purposes.

14. Apply principles and procedures of scientific research planning, design, methodology and analysis.
15. Use methods of preparation of scientific research reports.
16. Determine, qualify, and compile variables of scientific data.
17. Use current scientific statistical methods and procedures, including both qualitative and quantitative.
18. Use data processing and analysis techniques, specifically knowledge of data analysis software in addition to Microsoft Excel.
19. Establish and maintain cooperative relationships with professional staff and with officials of Federal, State, local, university and private research organizations.
20. Communicate effectively, both verbally and in writing, to peer, management, and lay audiences.
21. Prepare and draft detailed scientific reports for publication.
22. Apply professional scientific knowledge and administrative ability to resolve a variety of situations.
23. Analyze situations accurately and take effective action.
24. Participate as a team member of public health research or scientific investigation projects.
25. Make independent, difficult decisions in a specific scientific field.
26. Provide information to higher-level scientists in support of decisions on scientific research.
27. Interpret scientific findings and present to higher-level scientists.
28. Evaluate the adequacy of proposed scientific research designs and techniques.
29. Serve as team leaders on small scientific projects.
30. Apply security and privacy policies when using confidential and sensitive data.
31. Present scientific research or investigations conducted to health experts and the community.